

# Akash Deep

2001akashdeep@gmail.com | 9065508862

## SKILLS

Languages:

• Java • Python • Machine Learning

## TECHNOLOGIES

Frameworks/Libraries:

• HTML • JavaScript • Spring Boot  
• React.js • Django • Flask • Gen AI • LLM

Database

• SQL • MongoDB

Tools

• Git • Jupyter • Eclipse  
• VSCode

## ACHIEVEMENTS

- Flipkart Grid 5.0 - Attained a top **2000** national ranking and was among the top **10** college participants.
- Solved over **400+** DSA Questions across Platforms .
- Global Rank **3883** out of **31946** in LeetCode BiWeekly contest **125**.

## LINKS

Linkedin:// [akashdeep](#)

Github:// [akashdeep](#)

Portfolio:// [akash-portfolio](#)

Leetcode:// [akashdeep](#)

GeeksForGeeks:// [akashdeep](#)

HackerRank:// [akashdeep](#)

## EDUCATION

**Lovely Professional University**

B.TECH in Computer Science and Engineering

2020-2024 | Punjab, India

CGPA: 7.65/10

**St.Joseph's School**

Class 12(ISC)

2019-2020 | Bhagalpur, India

Percentage: 81 %

**St.Joseph's School**

Class 10(ICSE)

2017-2018 | Bhagalpur, India

Percentage: 81.6 %

## COURSEWORK

Data Structure and Algorithms

Object Oriented Programming

Database Management System

## EXPERIENCE

**NATIONAL PAYMENTS CORPORATION OF INDIA (NPCI) |**

**GRADUATE ENGINEER TRAINEE**

October 2024- Present | Hyderabad

- Built AI agents for bill payments, grievance redressal, and Q&A using **LangGraph**, **LangChain** and **MCP**, achieving **92%** task accuracy in secure staging workflows.
- Developed an enterprise-grade ChatGPT for NPCI employees, ensuring **100%** compliance with internal data security policies.
- Built an AI transcription and summarization system, boosting documentation speed by **70%** and cutting manual effort by **50%**.

## INTERNSHIP

**MIONEER PRIVATE LIMITED | DJANGO INTERN**

September 2024 - October 2024 | Remote

- Developed a dynamic garment customization feature using **Django**, enhancing user experiences and boosting engagement by **30%**.
- Optimized database management and query handling, resulting in **20%** faster response times and improved application performance.

**FUTRAINC - COMPLETE BUSINESS SOLUTIONS | AI DEVELOPER**

**INTERN**

July 2024 - August 2024 | Remote

- Streamlined data preprocessing, enhancing input quality for LLM training by **25%**, improving model performance.
- Supported model fine-tuning and evaluation, contributing to a **15%** boost in LLM accuracy on key tasks.

## PROJECTS

**ELECTRICITY BILL MANAGEMENT SYSTEM | GITHUB**

Java, SQL, Java Swing, Spring Boot

- Developed a Java-powered **Electricity Billing System**, automating processes and boosting operational efficiency by **60%**.
- Implemented real-time consumption tracking, cutting billing errors by **40%** and providing users with accurate cost insights.
- Integrated an **SQL** customer database, enhancing data precision by **45%** and speeding up record retrieval by **35%**.

**FOOD RECOMMENDATION SYSTEM USING LLM | GITHUB**

Python, LLM

- Leveraged LLMs from **Hugging Face**, fine-tuning the **BART** model to achieve a **92%** accuracy in generating mood-based dish recommendations.
- Integrated Hugging Face's cutting-edge **transformer models**, resulting in a **40%** improvement in personalized dish suggestions based on user moods.
- Deployed a fine-tuned **BART** model, reducing recommendation response time by **30%** and providing real-time, accurate food suggestions.

**RESEARCH PAPER | LINK**

I published a research paper titled **EduHub: A Self-Paced Learning Management System**.